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World Surface Coatings Abstracts (WSCA)

World Surface Coatings Abstracts (WSCA) is a monthly abstracts journal containing some 10,000 abstracts each year. About 40% of these are of patents (British, European, Japanese, US, etc) and the remainder refer to journals, government regulations, standards, conference proceedings, books, etc.

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The aim of the journal is to cover all aspects relevant to the surface coatings industry, as well as to include information on related topics such as inks and adhesives. The topics (see contents page) range from raw materials through coatings types, application and uses to properties, toxicology and legislation. An extensive business information section is included.

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Guide to Readers

The index is divided into two sections: Author and Subject. The abstract numbers quoted run from 1 to about 10,000 each year; patents are denoted by a following letter P, e.g. 8567P.

Author Index

The author index is based on all authors/patentees of an article or patent, unless there are more than four, when only the name of the first author will have appeared in the original abstract and therefore in the index.

To facilitate searching, abstract numbers in the author index are grouped under the WSCA section numbers if there are more than five entries under one author/patentee.

Some alterations may have been made to entries to render the author index consistent.

Russian names are transliterated in accordance with the standard English system.

Subject Index

The subject matter of the abstracts, not merely their titles, has been examined in the construction of the subject index. Indexing terms have been chosen for each abstract with attention to terms already used for others and to the level of specificity of the abstract. In searching on a given subject (e.g. phosphating), broader (e.g. pretreatment) and narrower (e.g. zinc phosphate) terms should also be considered.

Synonyms or near synonyms have been gathered under single terms: thus, for electrophoretic coating or electropainting, electrocoating has been chosen. Cross references have been included where appropriate.

It should be noted that cross references may refer to terms used in any of the previous five years and not just to entries in the present index.

Chemicals, an important part of this index, are particularly prone to problems in control of synonyms and details of indexing. Locants (e.g. ortho-, 1,2-) have been removed from chemical names, as have most substituent groups. Where reference is made to the toxicity of a specific chemical, however, substituent groups are more likely to have been included. Therefore, as with other types of term, both the broader and narrower concepts should be considered. If the reader's first choice of term (e.g. diisocyanatotoluene) is not found then synonyms should be tried (in this case, toluene diisocyanate).

Polymers are indexed in various ways, depending upon the abstract, i.e. under the monomers (e.g. methyl methacrylate) or the polymer (e.g, vinyl chloride polymers, vinyl chloride copolymers, polyvinyl chloride).

As properties and analytical methods are only used as primary indexing terms (main headings) if they are considered to be an important part of the article, entries under specific materials should also be searched for these concepts.

Statistics, e.g. for the German paint industry, are found under the subject (paint industry) rather than the country. Acquisitions, joint ventures and mergers are indexed under these terms and under the individual companies.

Legislation and regulations for specific countries may be located under these two terms (normally qualified, e.g. 'regulations, UK') and under the topic covered.

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About the PRA

Core Activities

- Research
- Technical Services
- Information
- Consultancy
- Analysis and Testing

The Organisation

The PRA has been the leading centre for coatings technology for some 65 years, with an international membership for the last twenty-five.

It caters for coatings in the widest sense, bringing together not only the manufacturers, raw material suppliers and users of paints, but also the producers of printing inks, adhesives, sealants, wood preservatives and related products.

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- Discounts on PRA services.
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